

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|---------------------|
| L1 | 20 | spatial with (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4) same MIMO and 375/260-267.ccls. and @AD<="20031123" | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:02 |
| L2 | 20 | L1 | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:02 |
| L3 | 252 | 370/328,334,337,338.ccls. and MIMO.bsum. and spatial with multiplex\$ | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:02 |
| L4 | 252 | L3 | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:02 |
| L9 | 33431 | "s309" or "s310" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/10/24 11:22 |
| L10 | 31 | spatial with (multiplex\$) same (steer\$ or vector or beamform \$4 or eigen\$) same antenna\$ and 370/208-210.ccls. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:22 |
| L11 | 31 | L10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/10/24 11:22 |
| L12 | 90 | spatial with (multiplex\$) same (steer\$ or vector or beamform \$4 or eigen\$) same antenna\$ and 370/328,334,337-338.ccls. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:22 |
| L13 | 90 | L12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/10/24 11:22 |

| | | | | | | |
|-----|-----|---|--------------------|-----|-----|---------------------|
| L14 | 62 | MIMO same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 370/326,334,337-338.cds. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:25 |
| L15 | 60 | MIMO same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 375/345,347-348.cds. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:25 |
| L16 | 120 | L14 or L15 | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:25 |
| L17 | 200 | ((J) near2 (WALTON)).INV. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:27 |
| L18 | 190 | ((JOHN) near2 (KETCHUM)).INV. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:27 |
| L19 | 309 | ((MARK) near2 (WALLACE)).INV. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:27 |
| L20 | 377 | ((STEVEN) near2 (HOWARD)).INV. | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:27 |
| L21 | 20 | (L17 or L18 or L19 or L20) and MIMO same spatial with multipl \$ same steer\$4 and @AD< = "20031030" | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:27 |
| L22 | 20 | L21 | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:27 |
| L23 | 21 | ((("5479447") or ("5790550") or ("5822374") or ("6072779") or ("6122247") or ("6205410") or ("6222888") or ("6330277") or ("6426971") or ("6463290") or ("6478422") or ("6510184") or ("6744811") or ("6798738") or ("6804191") or ("6821535") or ("6850252") or ("6859503") or ("6927728") or ("6959171") or ("6980601"))).PN. | US-PGPUB; USPAT | OR | OFF | 2011/10/24 11:45 |
| L24 | 0 | I23 and MIMO and spatial with multipl\$ and steer\$4 | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:46 |
| L25 | 1 | I23 and spatial with multipl\$ and steer\$4 | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:46 |

| | | | | | | |
|-----|---|------------------|--------------------|-----|----|---------------------|
| L26 | 1 | /23 and steer\$4 | US-PGPUB; USPAT | ADJ | ON | 2011/10/24 11:46 |
|-----|---|------------------|--------------------|-----|----|---------------------|

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------------|------------------|---------|------------------|
| L5 | 7 | spatial with (multiplex\$) with (steer\$ or vector or beamform\$4) same (antenna\$4) same (cod\$3 or modul\$) same estimat\$4 with (channel or symbol or streams or data) | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:06 |
| L6 | 39 | spatial with (multiplex\$) with (steer\$ or vector or beamform\$4) same (antenna\$4) same estimat\$4 with (channel or symbol or streams or data) | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:06 |
| L7 | 39 | L6 or L5 | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:06 |
| L8 | 29971 | "s309" or "s310" | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:22 |
| L27 | 77 | spatial multiplex\$ same (steer\$ or vector) same MIMO same (cod\$3 or modul\$) | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:47 |
| L28 | 52 | spatial multiplex\$ same (steer\$ or vector) same MIMO same (cod\$3 or modul\$) and (cod\$3 or modul\$) same estimat\$4 with (channel or symbol or streams or data) | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:49 |
| L29 | 24 | spatial with multiplex\$ same (steer\$ or vector) same (non-steer\$4 or beam-form\$4 or non-spatial) and MIMO same (cod\$3 or modul\$) | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:50 |
| L30 | 28 | spatial with multiplex\$ same (steer\$ or vector) same (non-steer\$4 or beam-form\$4 or non-spatial) and MIMO | US-PGPUB; USPAT; UPAD | ADJ | ON | 2011/10/24 11:51 |

10/24/2011 12:28:46 PM

C:\Documents and Settings\msmith2\My Documents\EAST\Workspaces\10693429app.wsp